A105
CANTOR FITZGERALD
A0.2

TAA#941154
5/1/95

PORT AUTHORITY SUPPLEMENTAL NOTES

NOTES:

1. The work required under this contract shall be performed on (PREMIUM) (STANDARD) time unless otherwise required by other clauses of this contract or as directed by the Architect.

2. Before commencing work, the Contractor shall notify the Architect of any areas without fireproofing. All exposed structural steel and chipped-off fireproofing shall be patched or touched-up with CAFCO type D-CJF or approved equal as directed by the Engineer.

3. The Contractor shall not drill holes into existing slabs or structural members for the purpose of supporting any loads, unless written approval is obtained from the Engineer.

4. The Contractor shall protect the public or tenant space below from any damage resulting from floor drilling operation.

5. The Contractor shall repair or replace existing construction damaged in the performance of this Contract.

6. The space around pipes, ducts, etc penetrating rated walls, shall not exceed 1/2" and shall be packed solid with mineral wool or approved equal and be closed off by close fitting metal escutcheons on both sides of the partition as required by NYC Building Code C26-504.5.

7. Firestopping shall be as required by NYC Building Code C26-504.7. Installation shall be subject to controlled inspection.

8. All wood shall be fireproofed as required by NYC Building Code 27-328 (C26-502.6)

9. All interior finishes shall comply with NYC Building Code C26-504.10.

10. Carpeting shall conform to Port Authority specifications for flammability and smoke developed ratings.

11. Where rated partitions intersect convector enclosures, install within the enclosure a rated fire stop equal to the rating of the wall.

12. Where unrated partitions intersect convector enclosures, install within the enclosure a sound barrier of 2 inch 3 lb. density semi-rigid fiberglass board.

13. Centerlines of partitions abutting window columns shall be centered on the columns, unless otherwise noted.

14. Unless otherwise noted, locate all doors 6 inch minimum distance from adjacent intersecting walls.

15. Carpet installed under this contract shall be cut and form fitted around all existing and new floor telephone and/or electrical outlets. Access cut-outs shall be provided at floor access panel.

16. Rubber base shall be installed on all partitions, both sides unless otherwise noted.

17. Paint all walls, both sides unless otherwise noted.

18. Unless required to paint the entire area, the Contractor shall paint existing walls that are cut and/or patched, the entire wall shall be painted up to the nearest external or internal corner or door frame. Color shall match existing.

19. Remove and replace existing ceiling tile as required for mechanical, plumbing, etc. installations.

20. Modify acoustical ceiling as required to accommodate layout as shown on reflected ceiling plan.

21. Materials indicated to be salvaged shall be delivered to the material storage area. See clause under "MATERIALS FURNISHED BY THE AUTHORITY" for location and deliver time.

22. All approvals, permits, plans, etc. are to be maintained at the job site during construction, for inspection and review. Upon completion and final inspection they shall be returned to the Owner for his files.

23. All telephone work is to be coordinated with the tenant's private phone company.

24. The installation of all electronic equipment, wiring, signal and communications circuits, etc. shall be coordinated with the tenant's suppliers.

25. All floor drilling for new services shall be performed during overtime hours. Proposal shall include an allowance for the protection and/or correction of existing conditions below.

26. No substitution may be made for any item specified without written approval of the Architect.

27. The General Contractor shall have the overall responsibility for the procurement, installation and coordination of all plumbing, HVAC, etc. as required by the Architect or engineers. This shall include securing of all approvals for the systems, etc.

28. All materials and construction shall conform to manufacturers specifications as well as requirements of the Architect and World Trade Center.

29. The World Trade Center does not approve drilling or welding to existing structural members. All connections must be "clamp type" as per World Trade Center standards.

30. The installation and application of all materials shall be in accordance with the current printed manufacturer's instructions and recommendations.

31. The Contractor shall obtain, retain and make available for on-site inspection at all times, US Department of Labor Material Safety Data Sheets for all toxic substances and hazardous materials to be used in this contract. One copy of said sheets shall be sent to Inspection and Safety Division (Environmental Section) for review prior to introduction of material to the site.

32. The Contractor shall take all necessary precautions to control dust levels to assure that the limits are not exceeded as specified in OSHA 29CFR1910.1000, Table Z-3.

GENERAL NOTES & SPECIFICATIONS

F. HEATING, VENTILATING AND AIR-CONDITIONING

1. [ ] INSTALL NEW H.V.A.C. SYSTEM.

[◎] ALTER EXISTING H.V.A.C. SYSTEM AS REQUIRED - INCLUDING, BUT NOT LIMITED TO THE RE-ROUTING OF EXISTING DUCTWORK, DAMPERS, OUTLETS, ETC TO ACCOMPLISH NEW LIGHTING LAYOUT AND CEILING SYSTEM. CEILING HEIGHTS AS INDICATED ON THE DRAWINGS.

2. [◎] REFER TO ENGINEERING DRAWINGS.

[ ] H.V.A.C CONTRACTOR SHALL OBTAIN PLANS OF EXISTING H.V.A.C. LAYOUT AND RESEARCH ALL BUILDING GUIDELINES. CONTRACTOR SHALL VERIFY ALL DESIGN PARAMETERS, CAPACITIES AND SPECIAL REQUIREMENTS AS MAY BE REQUIRED BY THE TENANT. CONTRACTOR SHALL PROVIDE ENGINEERED PLANS OF PROPOSED H.V.A.C. WORK INDICATING NEW DIFFUSER, REGISTER AND THERMOSTAT LOCATIONS AND TYPES, AND ACCESS REQUIREMENTS, AS WELL AS PLENUM HEAD ROOM TO WPG DESIGN GROUP FOR APPROVAL PRIOR TO FABRICATION OF LAYOUT. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION AND INSTALLATION AS PER REQUIREMENTS OF PARAGRAPH A6 HEREIN

3. [ ] CONTRACTOR SHALL PROVIDE SIGNED AND SEALED FINAL H.V.A.C. DRAWINGS AND ALL REQUIRED CONTROLLED INSPECTION ITEMS, INCLUDING FORMS 10E AND 10F AND EQUIPMENT USE PERMIT SIGNED BY LICENSED PROFESSIONAL.

4. CONTRACTOR SHALL TEST AND BALANCE SYSTEM AND SUBMIT WRITTEN REPORT TO WPG DESIGN GROUP BEFORE FINAL ACCEPTANCE

5. CLEAN ALL REUSEBLE DUCTWORK AND EQUIPMENT PRIOR TO ALTERATION OF AN EXISTING SYSTEM.

6. REMOVE ALL DIFFUSHERS, REGISTERS AND THERMOSTATS THAT ARE NOT BEING REUSED AND CAP AND SEAL. REFURBISH ALL REUSED GRILLES, REGISTERS AND DIFFUSERS BY SHOP SPRAY-PAINTING WITH SEMI-GLOSS WHITE ENAMEL PAINT OR AS OTHERWISE SPECIFIED

7. COORDINATE THE INSTALLATION OF ALL H.V.A.C. DUCTWORK AND EQUIPMENT WITH ALL OTHER PHASES OF THE CONSTRUCTION.

8. PROVIDE A ONE (1) YEAR WRITTEN GUARANTEE ON ALL LABOR, MATERIALS AND INSTALLATION.

9. ALL NEW RETURN AIR GRILLES, SUPPLY DIFFUSERS, SPEAKERS, ETC., SHALL HAVE A BAKED WHITE ENAMEL FINISH.

10. FURNISH AND INSTALL VOLUME SPLITTERS AND DAMPERS IN EACH BRANCH DUCT TAKE-OFF. FURNISH AND INSTALL ALL REQUIRED VIBRATION ISOLATION AND ISOLATORS, AND CONSTRUCT ALL NEW DUCTWORK OF GAUGES AND CONSTRUCTION IN ACCORDANCE WITH LATEST ASHRAE GUIDE RECOMMENDATIONS, AND/OR AS INDICATED ON H.V.A.C. DRAWINGS.

11. FURNISH AND INSTALL ALL FIRE DAMPERS, RELIEF OPENINGS, FRESH AIR INTAKES AND EXHAUSTS, AND ALL OTHER ELEMENTS TO MEET ALL BUILDING DEPARTMENT AND BUILDING CODE REQUIREMENTS.

12. VENTILATE ALL INTERIOR ROOMS AS PER APPLICABLE PARAGRAPHS TO ARTICLE 12 AND REFERENCE STANDARD RS-13 OF THE NEW YORK CITY BUILDING CODE, LATEST EDITION.

13. ALL THERMOSTATS AND H.V.A.C. CONTROLS SHALL BE MOUNTED _____ INCHES ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED.

14. [◎] FURNISH AND INSTALL A RECESSED, CEILING MOUNTED SMOKE EXHAUST SYSTEM AT AREA NUMBER

[ ] FURNISH AND INSTALL A RECESSED, CEILING MOUNTED KITCHEN EXHAUST SYSTEM IN AREA NUMBER

[ ] FURNISH AND INSTALL A RECESSED, CEILING MOUNTED TOILET EXHAUST SYSTEM IN AREA NUMBER

G. PLUMBING AND SPRINKLER

1. CONTRACTOR SHALL FURNISH AND INSTALL ALL ROUGHING, CONNECTIONS AND FIXTURES AS SHOWN ON OR INFERABLE FROM THE DRAWINGS, OR AS SPECIFIED HEREIN, OR BOTH. ALL PLUMBING WORK SHALL BE PERFORMED BY A LICENSED PLUMBER ONLY

2. FURNISH AND INSTALL ALL VALVES AS INDICATED ON DRAWINGS OR AS MAY BE REQUIRED FOR THE PROPER CONTROL OF THE EQUIPMENT AND PIPELINES INSTALLED UNDER THIS SECTION SO THAT ANY FIXTURE, LINE OR PIECE OF EQUIPMENT MAY BE CUT OFF FOR REPAIR WITHOUT INTERFERENCE OR INTERRUPTION TO THE SERVICE OF THE REST OF THE BUILDING. ALL VALVES SHALL BE DESIGNED FOR REPACKING WHEN WIDE OPEN UNDER PRESSURE.

3. ALL EXISTING PLUMBING BEING ABANDONED SHALL BE CAPPED BEHIND EXISTING FINISHED SURFACES.

4. BEFORE BEING COVERED UP OR BUILT-IN, ALL PLUMBING SHALL BE TESTED AS REQUIRED BY ALL AGENCIES HAVING JURISDICTION OVER THE WORK.

5. ALL EQUIPMENT SHALL BE TESTED AND PLACED IN OPERATION.

6. IF CONTRACTOR IS PROVIDING ENGINEERING DRAWINGS, CONTRACTOR SHALL HIRE A LICENSED PROFESSIONAL TO PREPARE ALL PLUMBING DRAWINGS, REQUIRED FORMS, STATEMENTS AND INSPECTIONS AS REQUIRED TO COMPLY WITH ALL BUILDING DEPARTMENT RULES AND REGULATIONS.

7. [◎] EXISTING SPRINKLER SYSTEM TO BE REVISED. ADD NEW AND/OR RELOCATE EXISTING SPRINKLER HEADS, AS REQUIRED BY NEW PARTITION LAYOUT.

[ ] FURNISH AND INSTALL NEW SPRINKLER SYSTEM.

[ ] NO SPRINKLER WORK IS REQUIRED.

8. ALL SPRINKLER HEADS SHALL BE:

[ ] DROP HEAD [ ] FLUSH HEAD

9. ALL SPRINKLER WORK SHALL COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF THE BUILDING DEPARTMENT OF THE MUNICIPALITY IN WHICH IT IS BEING PERFORMED.

H. LIGHTING AND ELECTRICAL

1. VERIFICATION OF SUFFICIENT POWER TO ACCOMPLISH THE PROJECT OUTLINED ON THIS SET OF PLANS IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND MUST BE CONDUCTED PRIOR TO SUBMITTING A BID. THIS VERIFICATION SHALL RELIEVE THE TENANT AND WPG DESIGN GROUP OF ALL COSTS OF PANELS, BREAKERS AND THE LIKE IF SUCH BE DEEMED NECESSARY AS THE PROJECT PROGRESSES

2. CONTRACTOR SHALL FURNISH AND INSTALL ALL LIGHTING FIXTURES, ELECTRICAL EQUIPMENT AND LABOR AS SHOWN OR IMPLIED ON ALL DRAWINGS AND SPECS

3. CONTRACTOR SHALL VERIFY THAT THE REQUIRED RECESSED DEPTH GIVEN INDICATED CEILING HEIGHT IS AVAILABLE FOR ALL RECESSED LIGHTING FIXTURES PRIOR TO ORDERING FIXTURES. WPG DESIGN GROUP IS TO BE INFORMED OF ALL OBSTRUCTIONS THERE WOULD BE IMMEDIATELY

4. ALL DIMENSIONS FOR FIXTURES ARE GIVEN FROM CENTERLINE UNLESS OTHERWISE NOTED

5. CONTRACTOR SHALL SUPPLY AND INSTALL ALL EXIT LIGHTS AS REQUIRED BY CODE. UNITS SHALL BE THERMOLUMINESCENT RECESSED FLUORESCENT, ACRYLIC WITH 8" HIGH LETTERS AND SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE NEW YORK CITY BUILDING CODE. LOCATIONS OF EXISTING FIXTURES SHALL BE APPROVED BY DESIGNER PRIOR TO INSTALLATION. MOUNTING TYPE SHALL BE AS SPECIFIED ON ALL DRAWINGS

6. CONTRACTORS SHALL PROVIDE ALL TEMPORARY LIGHTING AND OUTLETS, AS REQUIRED, FOR ALL TRADES PERFORMING WORK ON THE PROJECT WHETHER OR NOT THESE TRADES ARE A SPECIFIC PART OF THIS CONTRACT

7. [◎] EXISTING CIRCUITING, SWITCHING AND LIGHTING IS TO BE REVISED AS REQUIRED. CONTRACTOR SHALL REMOVE ALL UNNECESSARY ELECTRICAL EQUIPMENT, ETC AND SAFE-OFF AND PATCH UNUSED LOCATIONS

8. WHERE (1) SWITCH IS INDICATED ON PLANS, CONTRACTOR SHALL PROVIDE ANY OTHER ADDITIONAL SWITCHES REQUIRED IN ACCORDANCE WITH CODE REQUIREMENTS AND BEST TRADE PRACTICES. SUCH ADDITIONS SHALL BE IN LOCATIONS AS INDICATED ON PLANS AND GROUPED IN GANG PLATES AS REQUIRED. NO EXTRAS WILL BE ALLOWED

9. ALL LOW VOLTAGE WIRING AND EQUIPMENT SHALL BE FURNISHED AND INSTALLED WHERE INDICATED ON PLANS.

10. ALL FLUORESCENT LAMPS REQUIRED SHALL BE ENERGY SAVING TYPE _____ UNLESS OTHERWISE SPECIFIED. ALL BALLASTS SHALL BE ENERGY SAVING TYPE. CONTRACTOR SHALL FURNISH AND INSTALL ALL LAMPS AND BALLASTS REQUIRED FOR THIS INSTALLATION.

11. IN AREAS WHERE SLIDE, DIMMERS ARE TO BE GANGED WITH SWITCHES, CONTRACTOR SHALL PROVIDE MATCHING SLIDE TYPE SWITCHES AND GANG SAME WITH REGULAR SWITCHES.

12. ALL WORK TO BE PERFORMED BY ELECTRICAL CONTRACTOR SHALL BE IN STRICT ACCORDANCE WITH LOCAL ELECTRICAL CODES AND SPECIFICATIONS AND SHALL CONFORM TO BUILDING REQUIREMENTS WHERE WORK IS LOCATED. ALL ELECTRICAL WORK SHALL BE PERFORMED ONLY BY DULY LICENSED ELECTRICIANS.

13. ALL WIRING SHALL RUN CONCEALED IN WALLS, COLUMNS, FLOORS OR ABOVE HUNG CEILING UNLESS OTHERWISE NOTED. PROVIDE PROPERLY SIZED CONDUIT (BY STANDOFF, WIRED TO CEILING SUPPORTS) AS REQUIRED BY STATE AND LOCAL CODES

14. ALL WALL OUTLETS AND RECEPTACLES SHALL BE MOUNTED 15" A.F.F. EXCEPT AS OTHERWISE NOTED. ALL ELECTRICAL OUTLETS SHALL BE MOUNTED ON 6" CENTERS, HORIZONTALLY, UNLESS OTHERWISE NOTED.

15. ALL NEW FLOOR MOUNTED OUTLETS SHALL BE FURNISHED WITH CAST ALUMINUM BOXES NOT TO EXCEED 3-1/2" IN HEIGHT.

16. CONTRACTOR SHALL FURNISH AND INSTALL ALL ADDITIONAL PANELS AND CIRCUITING AS REQUIRED.

17. ALL REUSED ELECTRICAL OUTLETS SHALL BE TESTED FOR CIRCUITING AND SHALL BE REPLACED WITH NEW RECEPTACLES AND NEW PLATES.

18. ALL BLANK RECEPTACLES SHALL BE REMOVED AND HOLES PATCHED.

19. ALL BUILDING STANDARD ELECTRICAL OUTLETS ARE TO BE ON CIRCUITS WHICH ARE ON 24 HOUR CONTINUOUS OPERATION.

20. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH THE WORK OF OTHER TRADES.

21. ELECTRICAL CONTRACTOR SHALL PERFORM ALL CHOPPING, CUTTING AND DRILLING OF PARTITIONS AND FLOORS REQUIRED FOR THE PROPER INSTALLATION OF ALL ELECTRICAL WORK.

22. THE LOCATION OF ALL STRIP AND TERMINAL BOXES SHALL BE DETERMINED IN CONJUNCTION WITH THE DESIGNER

23. CONTRACTOR SHALL PROVIDE ALL NECESSARY POWER AS REQUIRED WHERE A MACHINE OR DEVICE IS SPECIFIED. WHERE A SPECIAL ELECTRICAL RECEPTACLE IS REQUIRED, THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL SAME.

24. SWITCHES AND OUTLETS SHALL BE:

[ ] BUILDING STANDARD
[◎] LEVITON DECORA
[ ] OTHER:

25. [ ] FURNISH AND INSTALL NIGHT BELL ACTUATED BY PUSHBUTTON.

[ ] FURNISH AND INSTALL ALARM BELL ACTIVATED BY PUSHBUTTON.

[ ] FURNISH AND INSTALL ELECTRIC DOOR RELEASE MECHANISM ACTIVATED BY PUSHBUTTON AT LOCATIONS INDICATED.

26. [◎] CONTRACTOR SHALL FURNISH AND INSTALL ALL SMOKE DETECTORS AND SPEAKERS _____ IN COMPLIANCE WITH LOCAL LAW 5 AS REQUIRED BY BUILDING CODE RULES AND REGULATIONS.

[ ] CONTRACTOR SHALL RELOCATE AND/OR ADD SMOKE DETECTORS, SPEAKERS AND FLOOR WARDEN STATIONS TO CONFORM TO NEW PARTITION LAYOUT IN COMPLIANCE WITH LOCAL LAW 5 AS REQUIRED BY BUILDING CODE RULES AND REGULATIONS.

27. CONTRACTOR SHALL USE BUILDING'S FIRE SYSTEM INSTALLER FOR ANY PORTION OF WORK OR MODIFICATIONS TO THE EXISTING FIRE SYSTEM IN USE

28. ELECTRIC WALL SWITCHES TO BE 42" AFF UNLESS OTHERWISE NOTED.

I. TELEPHONE/COMPUTER NOTES

1. ORDERING OF TELEPHONE SERVICE, EQUIPMENT AND INSTRUMENTS, AND INSTALLATION OF SAME, IS THE SOLE RESPONSIBILITY OF THE TENANT.

2. GENERAL CONTRACTOR SHALL COORDINATE ELECTRICAL WORK WITH TELEPHONE COMPANY OR DATA/COMMUNICATIONS CONSULTANT.

3. WHERE TELEPHONE OUTLETS ARE CALLED FOR ON CONVECTOR ENCLOSURES, ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL RUBBER OR PLASTIC BUSHINGS AT KNOCK-OUTS AS WELL AS ALL CONDUIT FOR TELEPHONE AND DATA LINES AS PER TELEPHONE/COMMUNICATIONS COMPANY REQUIREMENTS

4. TELEPHONE INSTALLER SHALL USE ONLY TEFLON COATED WIRE OR RUN WIRING THROUGH CONDUIT IN ALL OPEN PLENUM AIR RETURN CEILINGS.

5. ALL TELEPHONE AND ELECTRICAL RECEPTACLES SHOWN SIDE BY SIDE ON THE DRAWINGS SHALL BE MOUNTED SIX INCHES (6") ON CENTER, AND HORIZONTALLY, 15" A.F.F

6. ELECTRICAL CONSTRACTOR SHALL PERFORM ALL CHOPPING, CUTTING AND DRILLING OF ALL WALLS, FLOORS AND PARTITIONS REQUIRED FOR THE INSTALLATION OF TELEPHONE LINES WHERE STUB-UPS ARE REQUIRED

7. GENERAL CONTRACTOR SHALL FURNISH AND INSTALL _____ 3/4" THICK _____ FIRE RETARDANT TREATED PLYWOOD IN TELEPHONE CLOSET AT LOCATION TO BE SPECIFIED.

8. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE FURNISHING AND INSTALLATION OF ALL COMPUTER CABLE RUNS, AS INDICATED ON THE DRAWINGS, SPECIFIED HEREIN OR BOTH.

9. ALL CEILING PATCH WORK RESULTING FROM THE INSTALLATION OF COMMUNICATIONS, DATA COMPUTER LINES SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

CANTOR FITZGERALD

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Signed

Ilya Asanovich
NTX Interiors Inc.
General Contractor
Certified As-Built

No.	Revision Date	Issued Record
		O M S CM
1	11.14.94 REVISED AS PER PORT AUTHORITY COMMENTS 2ND SUBMISSION	
	5.1.95 "AS - BUILT"	

Title

ADDITIONAL NOTES & SPECIFICATIONS

T.A.A #941154

Scale	Drawn By
Project No. 94180	Date 9.08.94
	Dwg. No. A0.2

REGISTERED ARCHITECT CHRISTOPHER L. CARTER